

CALIFORNIA ENERGY COMMISSION

1516 NINTH STREET
SACRAMENTO, CA 95814-5512
www.energy.ca.gov

**CALIFORNIA ENERGY COMMISSION
SUMMARY SHEET**

Technical Assistance in Determining Options for Energy Efficiency in Existing Buildings

Request for Qualifications Number 400-03-403**March 25, 2004**

This is only a summary of the proposed project. If you are interested in obtaining a Request for Qualifications (RFQ), a copy is available at the Energy Commission's Web Site at www.energy.ca.gov/contracts or you may obtain a copy by writing or calling:

Contracts Office, MS-18
California Energy Commission
1516 - 9th Street, First Floor
Sacramento, California 95814

Telephone: (916) 654-4392

Background

Assembly Bill 549 (Statutes of 2001, Chapter 905, Longville) directs the California Energy Commission to "investigate options and develop a plan to decrease wasteful peakload energy consumption in existing residential and nonresidential buildings" and report its findings to the legislature. For the purposes of this project, options capable of reducing peak energy consumption include those that increase the efficiency of equipment that uses electricity during peak periods or that shift or shave peak demand. Options that reduce natural gas end-use consumption are included because they can help stabilize gas supplies and reduce price spikes in both electricity and gas markets since a large and growing portion of California's electricity generation is fueled by natural gas. The Energy Commission's initial response to this legislation was the report, Assessing the Energy Savings Potential in California's Existing Buildings: An Interim Report to the Legislature in Response to AB 549 (December, 2003 Energy Commission Report #400-03-023F) which was sent to the legislature in late December, 2003. The work to be performed under this Request for Qualifications (RFQ) will be based in part upon the initial work completed for that report. Project reports, an annotated bibliography of relevant sources, transcripts of the workshops and additional information about the AB 549 Project are available at [www.energy.ca.gov/ab549].

A wide variety of ongoing programs are aimed at reducing energy consumption in existing buildings as well as in new construction and industrial processes. These include the Public Goods Charge Energy Efficiency Program, Building Energy Efficiency Standards for new construction, and Appliance Energy Efficiency Standards. Each of these efforts has a process in place for regularly updating and improving their programs. The study resulting from this RFQ will not

attempt to duplicate these efforts, but instead will focus on new opportunities for reducing energy consumption that contributes to peak demand in California. Some of these opportunities are likely to be beyond the scope and authority of current programs and standards and will require new authority or resources from the state legislature.

For the study outlined in this RFQ, a Project Advisory Committee has been formed comprised of members of the California Measurement Advisory Council (CALMAC), which includes representatives from the investor owned utilities, the California Public Utilities Commission (CPUC) and the California Energy Commission (Energy Commission). The Project Advisory Committee may provide guidance to the Contractor and may be involved in the review and approval of deliverables during the course of the contract. Additionally, to aid in the discussion of the wide variety of issues involved, the Energy Commission will convene stakeholder working groups to identify opportunities and strategies for key areas such as encouraging use of advanced controls and energy ratings. These working groups will meet periodically to provide input on specific topics and proposals.

What is the Purpose of this RFQ?

The purpose of this Request for Qualifications (RFQ) is to solicit and select a Prime Contractor to undertake the described Scope of Work. The Prime Contractor will perform a thorough review of existing studies and programs to develop a list of potential strategies for reducing energy consumption in existing buildings. The Contractor will develop a study plan that identifies critical gaps in knowledge, including behavioral issues that currently limit the rate that energy efficiency improvements are being made. The Contractor will conduct research according to the approved study plan, which will include a cost-effectiveness analysis of various alternatives and potential statewide energy savings. The Contractor will develop final recommendations that integrate the most promising mandatory and voluntary strategies for reducing energy consumption in existing buildings and identify any changes in state policy and law necessary to support and enable these strategies. The Contractor will work with the Project Advisory Committee as well as with working groups formed to provide study input in various areas.

The Prime Contractor's team must include an architect or a Professional Engineer with experience in performing energy analysis and feasibility studies of energy efficiency projects. Team members must be knowledgeable of the wide range of energy efficiency and peak demand reduction retrofit projects that are appropriate for existing residential and non-residential buildings. The team must include members with experience in conducting market assessments and program evaluations as well as members experienced in behavioral research. The team must also include members with experience in regulatory analysis and knowledge of building and appliance energy efficiency standards. At least one team member must have expertise in using computer simulations. The Commission will accept bids from a single Contractor or a team comprised of a prime contractor and one or more sub-contractors. In either case, the Prime Contractor and team must collectively have experience in performing all of the tasks identified in the Scope of Work

How Much Funding is Available?

There is a maximum of up to \$380,000 available for the contract resulting from this RFQ. Of that amount, \$300,000 is from the energy efficiency public goods charge fund and is dependent upon approval by the CPUC, which is expected to occur in April, 2004 at the earliest. The remaining \$80,000 is subject to future funding approval.

What is the Scope of Work?

The work expected under this contract is divided into six main tasks:

Tasks	Description of Task
1	Review and summarize relevant program results and research
2	Identify a preliminary list of interventions and develop a study plan
3	Implement study plan and develop final list of interventions
4	Participate in public hearings, workshops, and working groups
5	Progress reports
6	Final report

Work for Tasks 1-4 will be assigned via individual detailed work authorizations during the course of the contract. The structure and content of later tasks will depend on the results of earlier tasks.

NOTE: Some Tasks include review by a Project Advisory Committee comprised of members of the California Measurement Advisory Council (CALMAC) including representatives from the investor owned utilities, the California Public Utilities Commission and the Energy Commission. Review may also include approval by the Project Advisory Committee in addition to approval by the Commission Contract Manager. Work Authorizations issued by the Energy Commission will detail the specific involvement of the Project Advisory Committee.

What Are The Key Activities And Dates?

Tentative key activities and dates for this RFQ are presented below:

ACTIVITY	ACTION DATE
RFQ Release	March 29, 2004
Deadline for Written Questions	April 14, 2004
Pre-bid Conference (Sacramento)	April 14, 2004
Distribute Questions/Answers and Addenda (if any) to RFQ	April 21, 2004
Deadline to Submit SOQ	May 6, 2004
Oral Interviews	May 25, 2004
Notice of Selection	June 1, 2004
Cost Negotiations	June 2-9, 2004
Notice of Proposed Award	June 10, 2004
Commission Business Meeting	July 14, 2004
Contract Start Date	August, 2004
Contract End Date	December 31, 2005

How Can I Obtain Further Information?

One Pre-Bid Conference will be held to answer questions. Please refer to the Commission's Web Site at www.energy.ca.gov/contracts to confirm date, time, and location or call (916) 654-4392. Prospective Bidders are encouraged to attend the meeting currently scheduled for **April 14, 2004**.

PRE-BID CONFERENCE

April 14, 2004, 10:00 a.m. to 12:00 Noon
California Energy Commission, Hearing Room A
1516 Ninth Street, Sacramento, CA 95814

At the option of the Commission, questions posed during the Pre-Bid Conference may be answered either orally or in writing.

Whom Do I Contact?

Questions or clarifications about this RFQ should be directed to:

PEG A. PIGEON-BERGMANN, CONTRACT OFFICER
California Energy Commission
1516 Ninth Street, MS-18
Sacramento, California 95814
Telephone: (916) 654-7093
FAX: (916) 654-4423
e-mail: ppigeon@energy.state.ca.us

Verbal Communication

Any verbal communication with a Commission employee concerning this RFQ is not binding on the State or the Commission and shall in no way alter a specification, term, or condition of the RFQ.

Disabled Veteran's Business Enterprise Participation Program Requirement

This contract is subject to a participation goal of three percent (3%) for certified California Disabled Veteran Business Enterprises (DVBE) as set forth in Public Contract Code Sections 10115, et seq. All bidders under this RFQ are required to return a completed and properly executed package of disabled veteran's business enterprise (DVBE) participation forms with their proposal. Bidders must provide DVBE qualifications, experience and duties to be performed under the work statement. Failure to comply with the DVBE requirements shall be grounds for rejection of the proposal.